CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Name of Work : : Construction of Shops at HMT Layout and JP Park Double Road in ward no 17 , BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** R R Nagar Division , BBMP, Bangalore.
Contractor/Agency	:	**M/s M R Infra (C.R.Mangala),** Contractor, Bangalore.
Total Cost	:	Rs. 71.65 Lakhs
Date of Inspection	:	18.04.2022
Reference number	:	EE/RRND/Wo.No/000142/2021-22
Status of Bill	:	1st and Final Bill
In the Presence of	:	(a) **Assistant Engineer,** Ward No.17, BBMP, Bangalore.
	:	(b) **Mr. Mohan G,** Engineer M/S Civil Quality Consultants and Engineers, Bangalore

Compliance Report

Sl.No	Description of the Item	Unit	Qty		Comments / observations
1	Earthwork excavation by manual means in ordinay soil for foundation of buildings,	Cum	199.65	:	Work done upto the billed Quantity and Quality is satisfactory.
2	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite	Sqm	65.025	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	297.975	:	Work done upto the billed Quantity and Quality is satisfactory.
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and	Cum	26.2625	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Cum	6.7375	:	Work done upto the billed Quantity and Quality is satisfactory.
4	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @	Cum	25.9875	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Cum	17.61938	:	Work done upto the billed Quantity and Quality is satisfactory.

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Corporate Off. No. 33, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518540, 080-23240644, Email: civilqualityconsultants@gmail.com

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Sl.No	Description of the Item	Unit	Qty		Comments / observations
5	Providing and constructing granite / trap / basalt size stone masonry in foundation	Cum	66.775	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Cum	52.025	:	Work done upto the billed Quantity and Quality is satisfactory.
6	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with	Cum	4.175	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Cum	10.675	:	Work done upto the billed Quantity and Quality is satisfactory.
7	Providing and laying in position reinforced cement concrete of design Mix M25	Cum	43.8125	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Cum	40.5115	:	Work done upto the billed Quantity and Quality is satisfactory.
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of	Sqm	337.35	:	Work done upto the billed Quantity and Quality is satisfactory.
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of	Sqm	180.75	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	125.775	:	Work done upto the billed Quantity and Quality is satisfactory.
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening,	Tonne	6.729	:	Work done upto the billed Quantity and Quality is satisfactory.
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations	Cum	80.85	:	Work done upto the billed Quantity and Quality is satisfactory.
12	Lead for disposal of earth shall be payable including loading and unloading up to 13.25kms.	Cum	50.0625	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Cum	68.7375	:	Work done upto the billed Quantity and Quality is satisfactory.
13	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling	Sqm	86.4	:	Work done upto the billed Quantity and Quality is satisfactory.

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Sl.No	Description of the Item	Unit	Qty		Comments / observations
	QTY ABOVE 125 %	Sqm	178.4438	:	Work done upto the billed Quantity and Quality is satisfactory.
14	Providing lime tendering for plastering to wall and ceiling, including cost of materials,	Sqm	86.4	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	220.125	:	Work done upto the billed Quantity and Quality is satisfactory.
15	Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick	Sqm	178.275	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	585.735	:	Work done upto the billed Quantity and Quality is satisfactory.
16	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick	Sqm	173.55	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	336.03	:	Work done upto the billed Quantity and Quality is satisfactory.
17	Extra for providing and mixing waterproofing compound in cement plaster for brick	Sqm	173.55	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	336.03	:	Work done upto the billed Quantity and Quality is satisfactory.
18	KSRB 15.10.3 Providing white washing to ceiling and / or sloping roof surface in two	Sqm	153.1	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	111.7438	:	Work done upto the billed Quantity and Quality is satisfactory.
19	KSRB 15.10.1 Providing white washing to new wall surface in two coats with lime of	Sqm	400.875	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	363.135	:	Work done upto the billed Quantity and Quality is satisfactory.
20	Providing applying two coats of wall putty to inside plastered walls and ceiling using white	Sqm	553.975	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	474.8788	:	Work done upto the billed Quantity and Quality is satisfactory.

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Sl.No	Description of the Item	Unit	Qty		Comments / observations
21	Providing and applying painting in two coats with plastic emulsion paint with	Sqm	553.975	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	474.8788	:	Work done upto the billed Quantity and Quality is satisfactory.
22	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon	Sqm	173.55	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	336.03	:	Work done upto the billed Quantity and Quality is satisfactory.
23	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick	Sqm	74.7	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	113.8688	:	Work done upto the billed Quantity and Quality is satisfactory.
24	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster	Sqm	17.8	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Sqm	5	:	Work done upto the billed Quantity and Quality is satisfactory.
25	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or	Kg	431.25	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Kg	67.5	:	Work done upto the billed Quantity and Quality is satisfactory.
26	Providing & fixing of glazed 3 Track - 2 Panel Sliding Door made out of multi chambered	Sqm	19.95	:	Work done upto the billed Quantity and Quality is satisfactory.
27	Applying red lead ready mix priming coat over new steel or other metal surface including	Sqm	19.95	:	Work done upto the billed Quantity and Quality is satisfactory.
28	Providing and applying enamel metal paint two coats (excluding priming coat) over	Sqm	19.95	:	Work done upto the billed Quantity and Quality is satisfactory.
29	Supplying heavy gauge PVC conduit pipe ……mm dia ..... mm thick confirming to IS	Mtrs	312.5	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Mtrs	137.5	:	Work done upto the billed Quantity and Quality is satisfactory.

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Sl.No	Description of the Item	Unit	Qty		Comments / observations
30	Groove cutting in walls Supplying heavy gauge PVC Conduit Pipe ….dia ….mm	Mtrs	125	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Mtrs	325	:	Work done upto the billed Quantity and Quality is satisfactory.
31	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in	point	25	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	point	5	:	Work done upto the billed Quantity and Quality is satisfactory.
32	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade,	Mtrs	900	:	Work done upto the billed Quantity and Quality is satisfactory.
33	Supplying and flush mounting powder coated / galvanized metal box suitable for	Nos	30	:	Work done upto the billed Quantity and Quality is satisfactory.
34	Supplying and fixing superior quality modular switch mounting polycarbonate plate	Nos	12.5	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Nos	17.5	:	Work done upto the billed Quantity and Quality is satisfactory.
35	Supplying and fixing of modular switch & connected accessories on existing modular	Nos	6.25	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Nos	23.75	:	Work done upto the billed Quantity and Quality is satisfactory.
36	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using	Nos	2.5	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Nos	27.5	:	Work done upto the billed Quantity and Quality is satisfactory.
37	Supplying & fixing retrofit type -PL- LED Lamp 8-9W LED linear source with CCT 6500	Nos	18.75	:	Work done upto the billed Quantity and Quality is satisfactory.
	QTY ABOVE 125 %	Nos	11.25	:	Work done upto the billed Quantity and Quality is satisfactory.

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ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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Sl.No	Description of the Item	Unit	Qty		Comments / observations
38	Providing Brick work with common burnt clay machine moulded perforated bricks of	cum	139.7161	:	Work done upto the billed Quantity and Quality is satisfactory.
39	Supplying and fixing rolling shutters of approved make, made of required size M.S.	Sq	165	:	Work done upto the billed Quantity and Quality is satisfactory.

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Job No.: CQCE/BBMP/MR/W.No.17/2021-22

15.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpura Sub Division, BBMP, Bangalore.

Contractor : M/s M R Infra (C.R.Mangala), Contractor, Bangalore.

Name of the work : Construction of Shops at HMT Layout and JP Park Double Road in ward no 17 , BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.03.2022	15.04.2022	8.031	605.7	26.92
2	18.03.2022	15.04.2022	8.063	618.4	27.48
3	18.03.2022	15.04.2022	8.167	623.6	27.72

Note:

1. The material is satisfied as per the requirements.

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